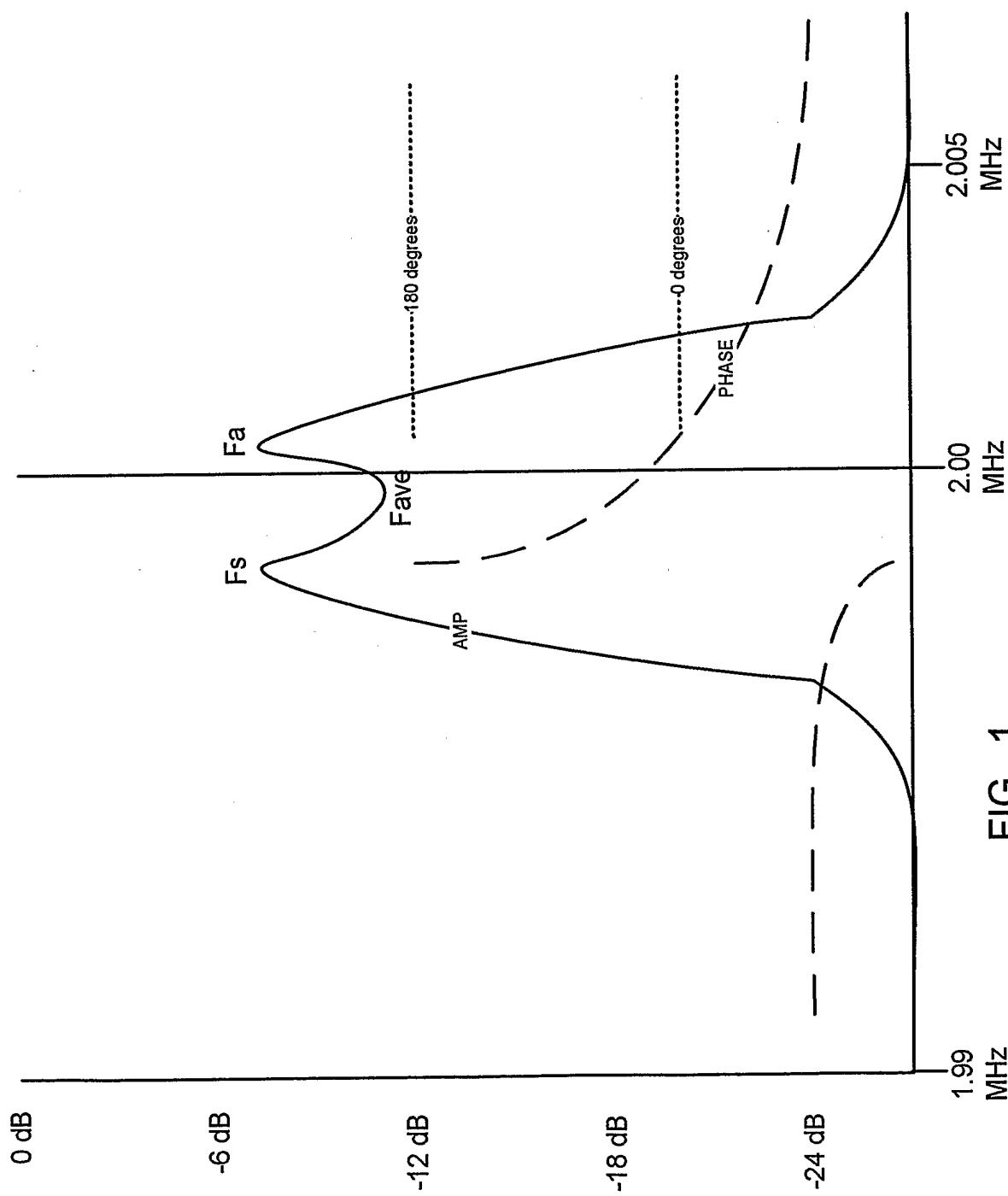


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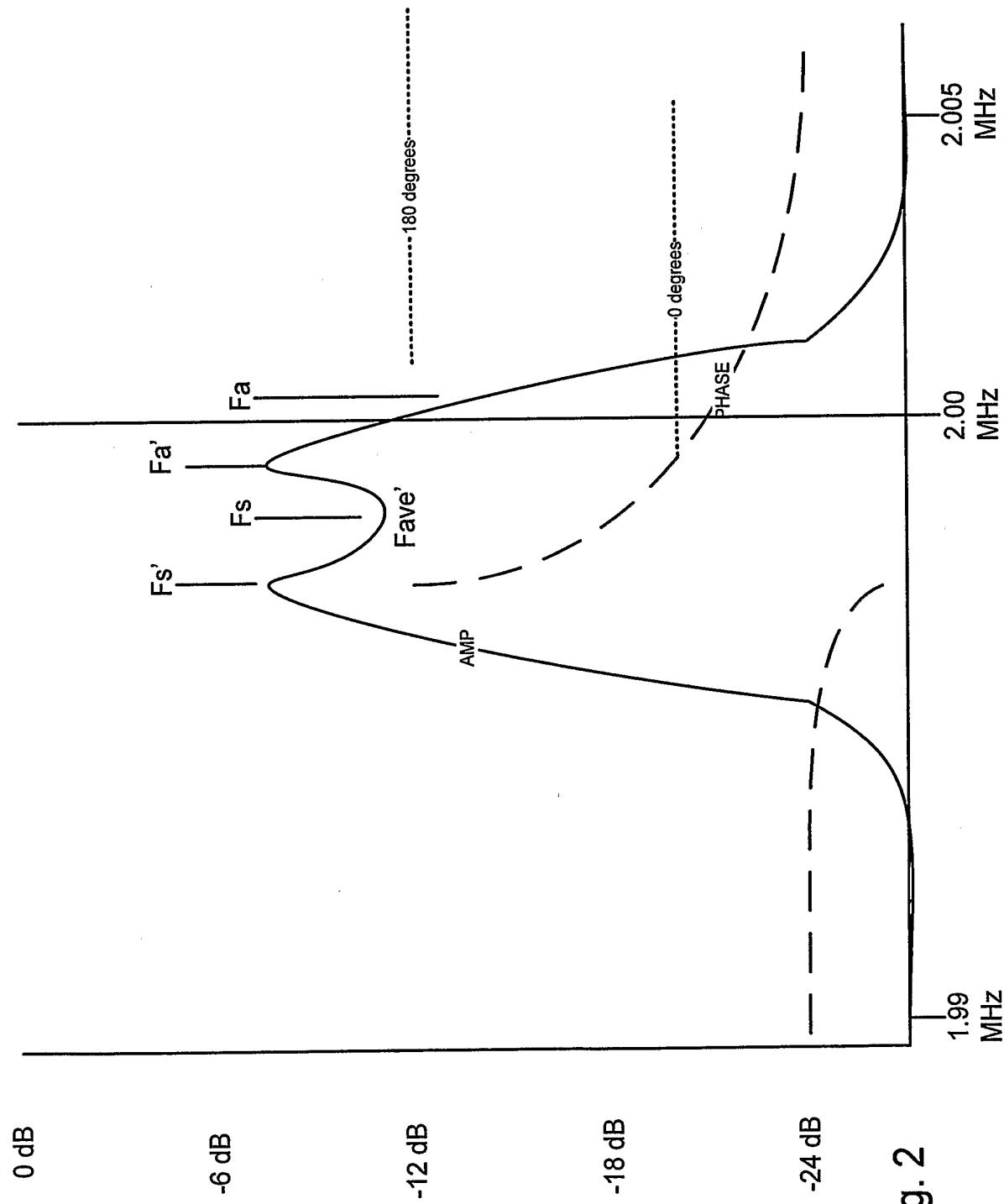


Fig. 2

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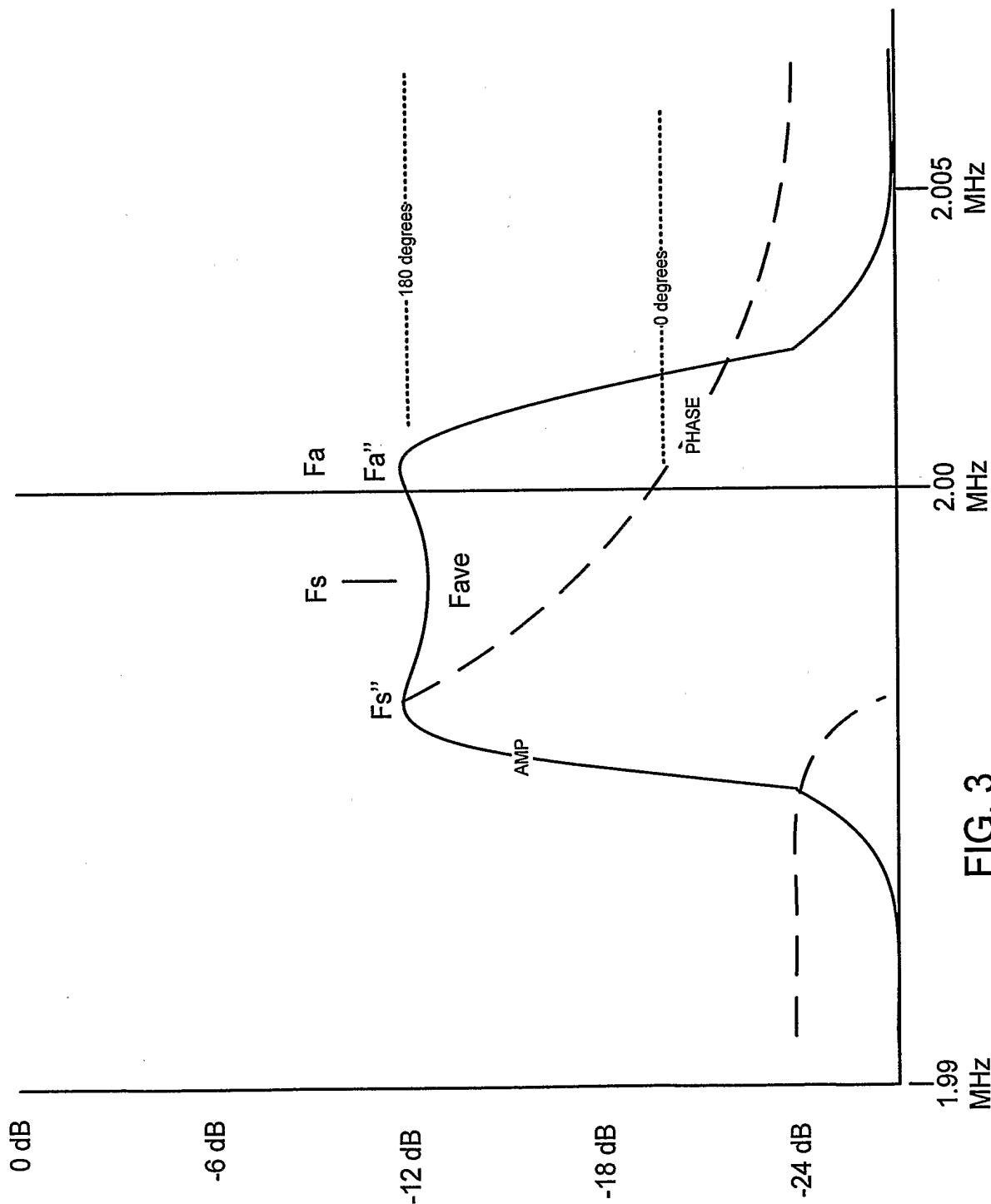


FIG. 3

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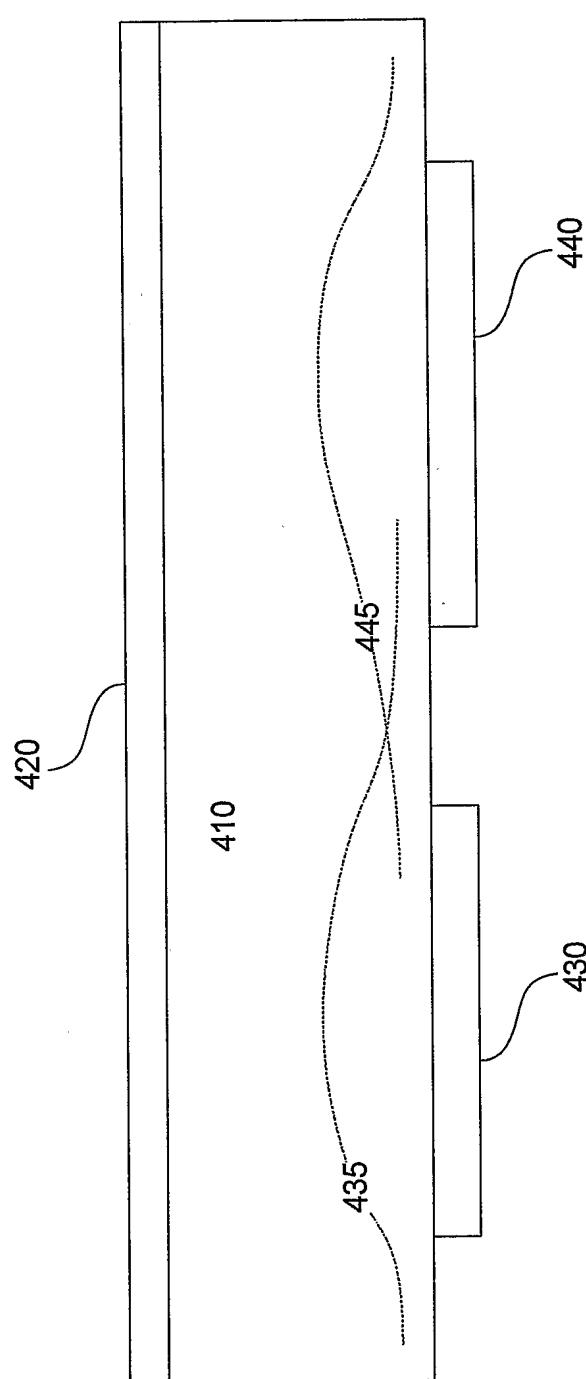


FIG. 4a

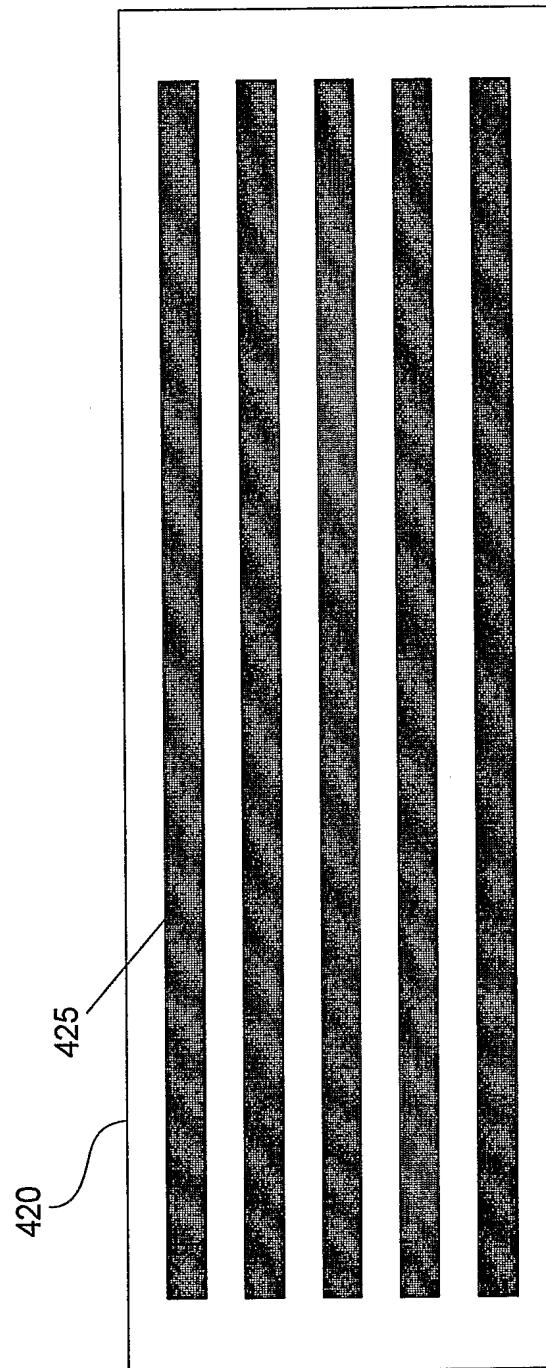


FIG. 4b

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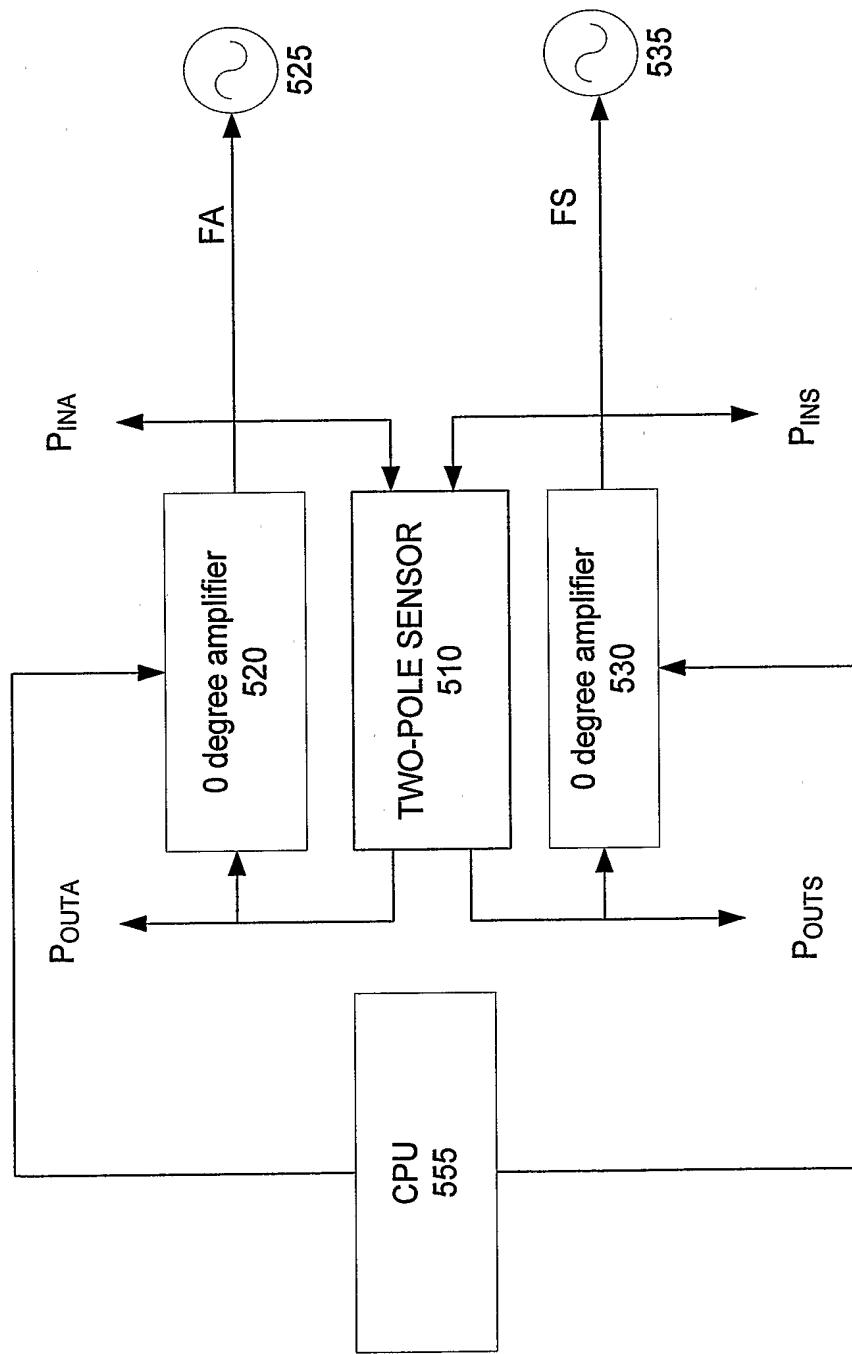
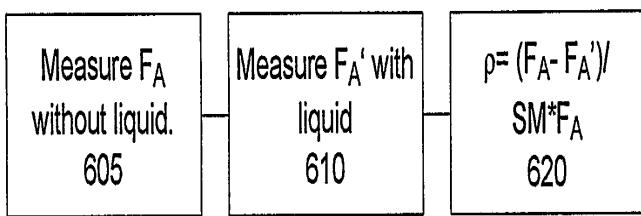


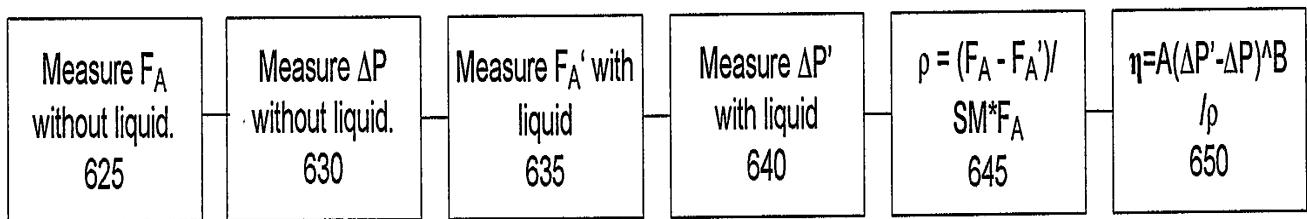
FIG 5

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A) FREQUENCY-BASED DENSITY MONITOR



B) FREQUENCY-BASED DENSITY AND POWER-LOSS VISCOSITY MONITOR



C) FREQUENCY-BASED DENSITY AND VISCOSITY MONITOR

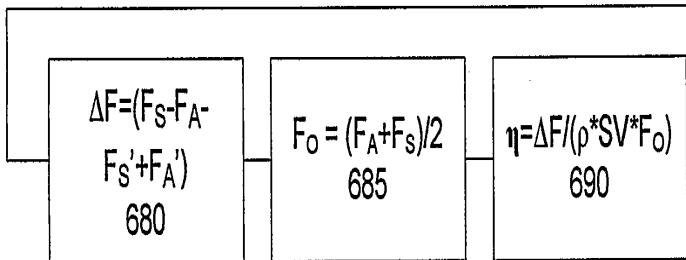
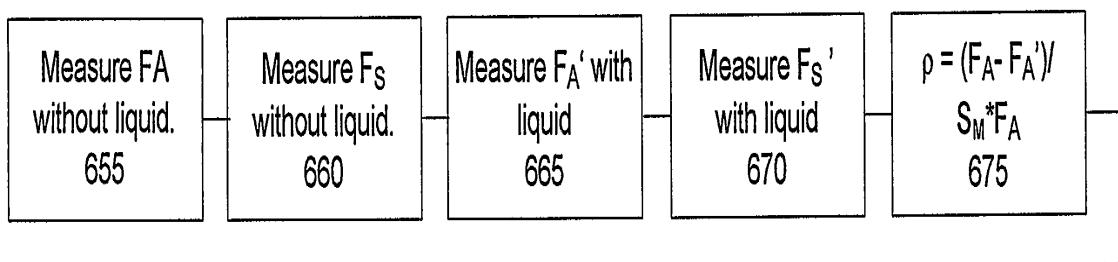


FIG. 6

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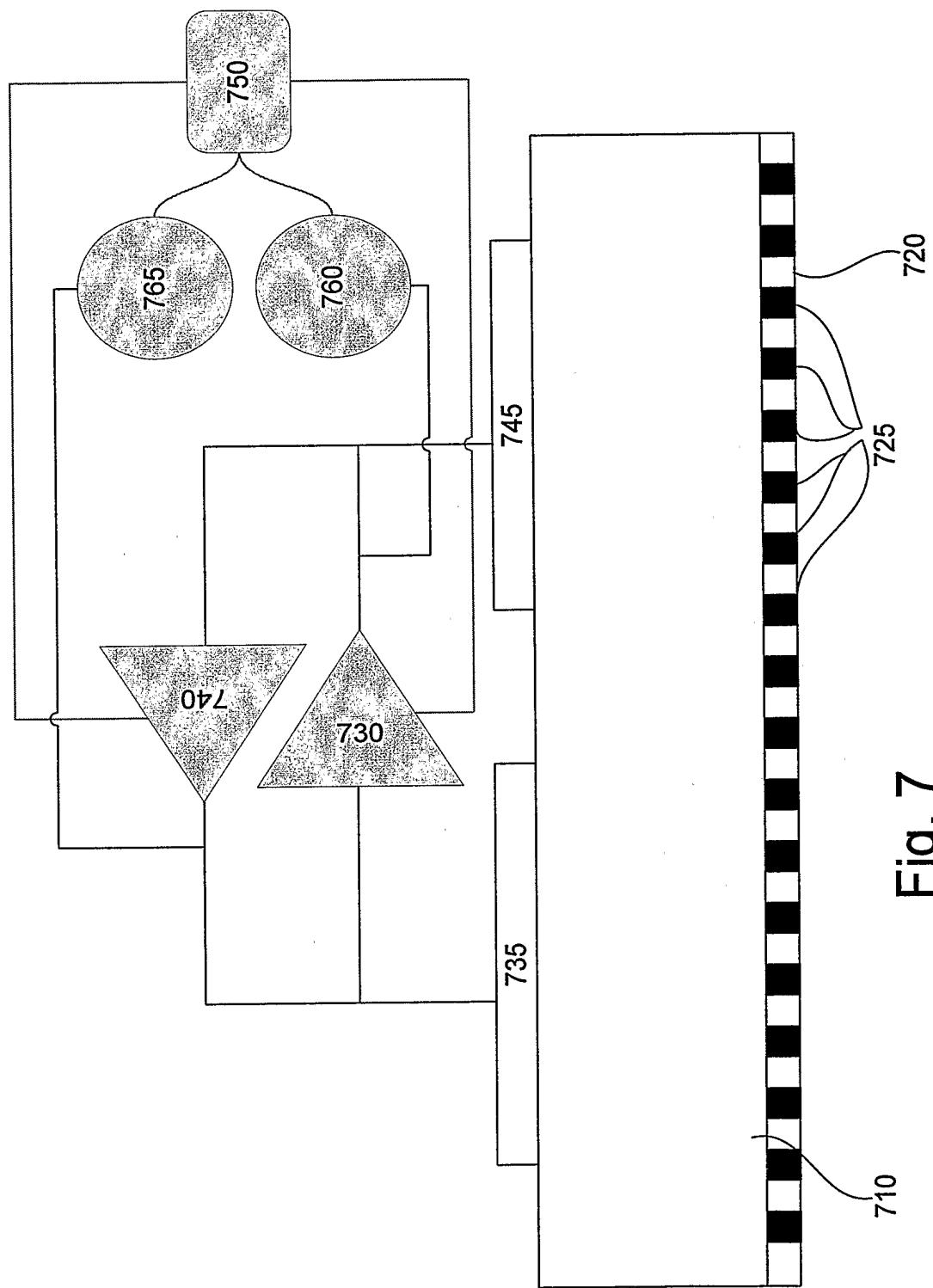


Fig. 7

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